

# EXHIBIT D

# Exhibit PPP

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# Chest CT QA study CONFIDENTIAL

January 26, 2017

UMM 00699

## Methods

- 50 random Chest CTs
  - 25 CD
  - 25 Control (several radiologists)
- Blinded review, experienced chest Radiologist not at UMMMC
  - Discrepancy Y/N
    - Detail of discrepancy
  - Major / Minor
  - Impact on patient care Y/N

UMM 00700

## Discrepancies

- CD
  - 10/25 (40%)
    - Major 5/25 (20%)
    - Minor 5/25 (20%)
- Control group
  - 8/25 (32%)
    - Major 1/25 (4%)
    - Minor 7/25 (28%)

Count of RAD		Column Labels	
Row Labels		Major	Minor
CD		5	5
0		1	7
(blank)		6	12
Grand Total		12	32

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## Major Discrepancies, Impact on patient care

- CTA (008)
  - No distinction made in the report between pneumonia and rounded atelectasis, all named consolidations, where , in fact, right lower lobe and lingular rounded atelectasis are less important than large pneumonia in left lower lobe in the post-operative lung
- CTA (009)
  - No pulmonary edema seen, the findings are of multifocal infection or less likely fat emboli, to be considered under those clinical circumstances
- CTPA (010)
  - Multifocal pneumonia and bronchitis not clearly stated

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## Major (cont.)

- I- CT (030)
  - Extensive secretions in trachea,
  - Most likely aspiration in left lung base AND potentially pneumonia in left apex. No mentioning if new or old or no comparison available
  - Mediastinal Lymph nodes are most likely reactive
- I- (033)
  - Lower right chest tube is not in the pleural space, this is not clearly stated
- Control group I- (022)
  - Severe bronchiectasis and air trapping,
  - Findings concerning for MAI, not even mentioned

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## Impact on patient care

Count of RAD	Column Labels				
Row Labels	No	Yes	(blank)	Grand Total	
CD	1	9	15	25	
Control	1	5	19	25	
Grand Total	2	14	34	50	

### • CD:

- Yes 9/25 (36%)
- No? 1/25 (4%)

### • Control:

- Yes 5/25 (20%)
- No 1/25 (4%)

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## Summary

	GD	Control
Any Discrepancy	10/25 (40%)	8/25 (32%)
Major Discrepancy	5/25 (20%)	1/25 (4%)
Impact on patient care	9/25 (36%) plus one ? Impact	5/25 (20%)

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